

SCIENCE

And Technology Program



San Luis Low Point Study

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Forecasting San Luis Reservoir storage levels is essential to the management of the Central Valley Project (CVP) water supply that is delivered through the Delta Mendota and San Luis canals and to the San Felipe Unit. Most critical are the forecast of the timing and volume of the annual low and high storage levels and an estimate of the possible errors in this forecast. This study will undertake an analysis of supply, demand, and system constraints and attempt to define the individual and combined patterns and probability distributions of these variables to better define this error estimate. The forecasted values and error estimates will be used to develop inputs to the San Luis portion of the Central Valley Operations Forecast Model (CVOFM).

Improve the quality of the annual CVP Operations forecast.

Most of the information has been gathered. Support contractors are writing up the study. The prime contractor is working on a model.

The contractor who is developing the software is Tetra Tech. Their sub-contractor, who is gathering the data and doing the probability distributions, is Surface Water Resources, Inc.